Journal of Neuroimmunology, 47 (1993) 207–208
© 1993 Elsevier Science Publishers B.V. All rights reserved 0165-5728/93/$06.00

Author Index (Vol. 47)

Albrecht, M., see Rieckmann, P. (47) 133
Allen, C., see Hermann, G. (47) 83
Aloisi, F., see Maimone, D. (47) 73
Annunziata, P., see Maimone, D. (47) 55
Annunziata, P., see Maimone, D. (47) 73

Bach, J.-F., see Tournier-Lasserve, E. (47) 103
Bach, J.-F., see Vieira, M.L. (47) 115
Balzano, C., see Beraud, E. (47) 41
Banks, W.A., see Gutierrez, E.G. (47) 169
Barnum, S.R., see Yang, C. (47) 123
Beck, F.M., see Hermann, G. (47) 83
Ben-Nun, A., see Beraud, E. (47) 41
Benabid, A.L., see Brunet, J.-F.M. (47) 63
Beraud, E., Balzano, C., Zamora, A.J., Varriale, S., Bernard, D. and Ben-Nun, A.
Pathogenic and non-pathogenic T lymphocytes specific for the encephalitogenic epitope of myelin basic protein: Functional characteristics and vaccination properties (47) 41
Berger, F., see Brunet, J.-F.M. (47) 63
Bernard, D., see Beraud, E. (47) 41
Bilfinger, T.V., see Stefano, G.B. (47) 189
Brunet, J.-F.M., Berger, F., Gustin, T., Lainé, M. and Benabid, A.L.
Characterization of normal brain-reactive antibodies in glioma cyst fluids (47) 63
Burchhardt, M., see Rieckmann, P. (47) 133
Buttinelli, C., see Salvetti, M. (47) 203

Caillat-Zucman, S., see Vieira, M.L. (47) 115
Caspi, R.R., Chan, C.-C., Fujino, Y., Najafian, F., Grover, S., Hansen, C.T. and Wilder, R.L.
Recruitment of antigen-nonspecific cells plays a pivotal role in the pathogenesis of a T cell-mediated organ-specific autoimmune disease, experimental autoimmune uveoretinitis (47) 177
Casteur, A., see Vieira, M.L. (47) 115
Chan, C.-C., see Caspi, R.R. (47) 177
Cioni, C., see Maimone, D. (47) 73
Cohen-Kaminsky, S., see Vieira, M.L. (47) 115

David, C., see Rodriguez, M. (47) 95
Dicou, E., Hurez, D. and Nerrière, V.
Natural autoantibodies against the nerve growth factor in autoimmune diseases (47) 159
Dobbs, M.B., see Fabry, Z. (47) 23

Fabry, Z., Fitzsimmons, K.M., Herlein, J.A., Moninger, T.O., Dobbs, M.B. and Hart, M.N.
Product ion of the cytokines interleukin 1 and 6 by murine brain microvessel endothelium and smooth muscle pericytes (47) 23
Felgenhauer, K., see Rieckmann, P. (47) 133
Fitzsimmons, K.M., see Fabry, Z. (47) 23
Fujino, Y., see Caspi, R.R. (47) 177

Gajdos, P., see Vieira, M.L. (47) 115
Ganea, D. and Sun, L.
Vasoactive intestinal peptide downregulates the expression of IL-2 but not of IFNγ from stimulated murine T lymphocytes (47) 147
Gausas, J., see Koh, C.-S. (47) 141
Grover, S., see Caspi, R.R. (47) 177
Guazzi, G.C., see Maimone, D. (47) 55
Gustin, T., see Brunet, J.-F.M. (47) 63
Gutierrez, E.G., Banks, W.A. and Kastin, A.J.
Murine tumor necrosis factor alpha is transported from blood to brain in the mouse (47) 169

Hansen, C.T., see Caspi, R.R. (47) 177
Hart, M.N., see Fabry, Z. (47) 23
Herlein, J.A., see Fabry, Z. (47) 23
Hermann, G., Tovar, C.A., Beck, F.M., Allen, C. and Sheridan, J.F.
Restraint stress differentially affects the pathogenesis of an experimental influenza viral infection in three inbred strains of mice (47) 83
Hurez, D., see Dicou, E. (47) 159

Jemison, L.M., Williams, S.K., Lublin, F.D., Knobler, R.L. and Korngold, R.
Interferon-γ-inducible endothelial cell class II major histocompatibility complex expression correlates with strain- and site-specific susceptibility to experimental allergic encephalomyelitis (47) 15
Johns, L.D. and Sriram, S.
Experimental allergic encephalomyelitis: Neutralizing antibody to TGFβ1 enhances the clinical severity of the disease (47) 1
Jones, J.L., see Yang, C. (47) 123
Jung, S., see Schluesener, H.J. (47) 199

Kastin, A.J., see Gutierrez, E.G. (47) 169
Knobler, R.L., see Jemison, L.M. (47) 15
Koh, C.-S., Gausas, J. and Paterson, P.Y.
Neurovascular permeability and fibrin deposition in the central neuraxis of Lewis rats with cell-transferred experimental allergic encephalomyelitis in relationship to clinical and histopathological features of the disease (47) 141
Korngold, R., see Jemison, L.M. (47) 15

Lahat, N., Miller, A., Shtiller, R. and Touby, E.
Differential effects of prolactin upon activation and differentiation of human B lymphocytes (47) 35
Lainé, M., see Brunet, J.-F.M. (47) 63
Livrea, P., see Maimone, D. (47) 55
López-Larrea, C., see Martínez-Naves, E. (47) 9
Lublin, F.D., see Jemison, L.M. (47) 15

Macchia, G., see Maimone, D. (47) 73
Maimone, D., Annunziata, P., Simone, I.L., Livrea, P. and Guazzi, G.C.
Interleukin-6 levels in the cerebrospinal fluid and serum of patients with Guillain-Barré syndrome and chronic inflammatory demyelinating polyradiculoneuropathy (47) 55
Maimone, D., Cioni, C., Rosa, S., Macchia, G., Aloisi, F. and Annunziata, P.
Norepinephrine and vasoactive intestinal peptide induce IL-6 secretion by astrocytes: Synergism with IL-1β and TNFα (47) 73
Martínez-Naves, E., Victoria-Gutiérrez, M., Uría, D.F. and López-Larrea, C.
The germline repertoire of T cell receptor β-chain genes in multiple sclerosis patients from Spain (47) 9

Massacesi, L., see Salvetti, M. (47) 203
Melms, A., see Schluesener, H.J. (47) 199
Miller, A., see Lahat, N. (47) 35
Moninger, T.O., see Fabry, Z. (47) 23

Najafian, F., see Caspi, R.R. (47) 177
Nerrière, V., see Dicou, E. (47) 159
Nünke, K., see Rieckmann, P. (47) 133

Paterson, P.Y., see Koh, C.-S. (47) 141
Prayoonwiwat, N., see Rodriguez, M. (47) 95

Radermacher, S., see Schluesener, H.J. (47) 199
Rieckmann, P., Nünke, K., Burchhardt, M., Albrecht, M., Wiltfang, J., Ulrich, M. and Felgenhauer, K.
Soluble intercellular adhesion molecule-1 in cerebrospinal fluid: An indicator for the inflammatory impairment of the blood–cerebrospinal fluid barrier (47) 133
Rodriguez, M., Prayoonwiwat, N., Zhou, P. and David, C.
Expression of T cell receptor Vβ transcripts in central nervous system of mice susceptible and resistant to Theiler's virus-induced demyelination (47) 95
Rosa, S., see Maimone, D. (47) 73

Salvetti, M., Buttinelli, C., Massacesi, L. and Wekerle, H.
New approaches to the study of T cell autoimmunity in multiple sclerosis. Meeting report on the 2nd Workshop on T Cell Autoimmunity in MS, Perugia, Italy, 26–28 November, 1992 (47) 203
Schluesener, H.J., Radermacher, S., Melms, A. and Jung, S.
Leukocytic antimicrobial peptides kill autoimmune T cells (47) 199
Sheridan, J.F., see Hermann, G. (47) 83
Shtiller, R., see Lahat, N. (47) 35
Simone, I.L., see Maimone, D. (47) 55
Sriram, S., see Johns, L.D. (47) 1
Stefano, G.B. and Bilfinger, T.V.
Human neutrophil and macrophage chemokinesis induced by cardiopulmonary bypass: Loss of DAME and IL-1 chemotaxis (47) 189
Sun, L., see Ganea, D. (47) 147

Touby, E., see Lahat, N. (47) 35
Tournier-Lasserve, E. and Bach, J.-F.
The immunogenetics of myasthenia gravis, multiple sclerosis and their animal models (47) 103
Tovar, C.A., see Hermann, G. (47) 83

Ulrich, M., see Rieckmann, P. (47) 133
Uría, D.F., see Martínez-Naves, E. (47) 9

Varriale, S., see Beraud, E. (47) 41
Victoria-Gutiérrez, M., see Martínez-Naves, E. (47) 9
Vieira, M.L., Caillat-Zucman, S., Gajdos, P., Cohen-Kaminsky, S., Casteur, A. and Bach, J.-F.
Identification by genomic typing of non-DR3 HLA class II genes associated with myasthenia gravis (47) 115

Wekerle, H., see Salvetti, M. (47) 203
Wilder, R.L., see Caspi, R.R. (47) 177
Williams, S.K., see Jemison, L.M. (47) 15
Wiltfang, J., see Rieckmann, P. (47) 133

Yang, C., Jones, J.L. and Barnum, S.R.
Expression of decay-accelerating factor (CD55), membrane cofactor protein (CD46) and CD59 in the human astroglioma cell line, D54-MG, and primary rat astrocytes (47) 123

Zamora, A.J., see Beraud, E. (47) 41
Zhou, P., see Rodriguez, M. (47) 95

Journal of Neuroimmunology, 47 (1993) 209–211
© 1993 Elsevier Science Publishers B.V. All rights reserved 0165-5728/93/$06.00

Subject Index (Vol. 47)

D-Ala^2-Met-enkephalin (DAME)
Morphine; Fentanyl; Interleukin-1; Chemotaxis; Chemokinesis; Granulocytes; Macrophages (Stefano, G.B. (47) 189)

Astrocyte
Norepinephrine; Vasoactive intestinal peptide; Interleukin-6; Interleukin-1β; Tumor necrosis factor α; Cytokine (Maimone, D. (47) 73)

Complement; Decay-accelerating factor; Membrane cofactor; CD59 (Yang, C. (47) 123)

Autoantibodies
Nerve growth factor; Serum; Autoimmune diseases (Dicou, E. (47) 159)

Autoantibody
Brain cyst fluid; Blood–brain barrier; Brain edema (Brunet, J.-F.M. (47) 63)

Autoimmune disease
Experimental autoimmune uveoretinitis; Recruitment; T cell lines; Uveitis; Inflammation (Caspi, R.R. (47) 177)

Autoimmune diseases
Nerve growth factor; Autoantibodies; Serum (Dicou, E. (47) 159)

Autoimmunity
T cell; Indolicidin; Bactenecin (Schluesener, H.J. (47) 199)

Multiple sclerosis; T lymphocytes (Salvetti, M. (47) 203)

Bactenecin
T cell; Autoimmunity; Indolicidin (Schluesener, H.J. (47) 199)

B cell
Prolactin; Immunoglobulin; Neuroimmune regulation (Lahat, N. (47) 35)

Blood–brain barrier
Brain cyst fluid; Autoantibody; Brain edema (Brunet, J.-F.M. (47) 63)

Cell-transferred experimental allergic encephalomyelitis; Fibrin deposits; Edema; Neurological signs (Koh, C.-S. (47) 141)

Murine tumor necrosis factor α; Brain–immune axis; Intracerebroventricular; Neonatal (Gutierrez, E.G. (47) 169)

Blood–cerebrospinal fluid barrier
ICAM-1; Inflammation; Central nervous system (Rieckmann, P. (47) 133)

Brain
Endothelium; Smooth muscle; Pericyte; Cytokine (Fabry, Z. (47) 23)

Brain cyst fluid
Autoantibody; Blood–brain barrier; Brain edema (Brunet, J.-F.M. (47) 63)

Brain edema
Brain cyst fluid; Autoantibody; Blood–brain barrier (Brunet, J.-F.M. (47) 63)

Brain–immune axis
Murine tumor necrosis factor α; Blood–brain barrier; Intracerebroventricular; Neonatal (Gutierrez, E.G. (47) 169)

CD59
Astrocyte; Complement; Decay-accelerating factor; Membrane cofactor (Yang, C. (47) 123)

Cell-transferred experimental allergic encephalomyelitis
Blood–brain barrier; Fibrin deposits; Edema; Neurological signs (Koh, C.-S. (47) 141)

Central nervous system
Blood–cerebrospinal fluid barrier; ICAM-1; Inflammation (Rieckmann, P. (47) 133)

Cerebrospinal fluid
Interleukin-6; Cytokines; Guillain-Barré syndrome; Polyneuropathy (Maimone, D. (47) 55)

Chemokinesis
Morphine; Fentanyl; D-Ala^2-Met-enkephalin (DAME); Interleukin-1; Chemotaxis; Granulocytes; Macrophages (Stefano, G.B. (47) 189)

Chemotaxis
Morphine; Fentanyl; D-Ala^2-Met-enkephalin (DAME); Interleukin-1; Chemokinesis; Granulocytes; Macrophages (Stefano, G.B. (47) 189)

Complement
Astrocyte; Decay-accelerating factor; Membrane cofactor; CD59 (Yang, C. (47) 123)

Cytokine
Experimental allergic encephalomyelitis; Multiple sclerosis; Transforming growth factor-β1 (Johns, L.D. (47) 1)

Brain; Endothelium; Smooth muscle; Pericyte (Fabry, Z. (47) 23)

Astrocyte; Norepinephrine; Vasoactive intestinal peptide; Interleukin-6; Interleukin-1β; Tumor necrosis factor α (Maimone, D. (47) 73)

Cytokines
Interleukin-6; Cerebrospinal fluid; Guillain-Barré syndrome; Polyneuropathy (Maimone, D. (47) 55)

Decay-accelerating factor
Astrocyte; Complement; Membrane cofactor; CD59 (Yang, C. (47) 123)

Edema
Cell-transferred experimental allergic encephalomyelitis; Blood–brain barrier; Fibrin deposits; Neurological signs (Koh, C.-S. (47) 141)

Endothelium
Major histocompatibility complex; Intercellular adhesion molecule-1; Interferon γ; Experimental allergic encephalomyelitis; Susceptibility (Jemison, L.M. (47) 15)

Brain; Smooth muscle; Pericyte; Cytokine (Fabry, Z. (47) 23)

Experimental allergic encephalomyelitis
Multiple sclerosis; Transforming growth factor-β1; Cytokine (Johns, L.D. (47) 1)

Endothelium; Major histocompatibility complex; Intercellular adhesion molecule-1; Interferon γ; Susceptibility (Jemison, L.M. (47) 15)

Experimental autoimmune encephalomyelitis
T cell (Beraud, E. (47) 41)

Experimental autoimmune uveoretinitis
Recruitment; T cell lines; Uveitis; Autoimmune disease; Inflammation (Caspi, R.R. (47) 177)

Fentanyl
Morphine; D-Ala^2-Met-enkephalin (DAME); Interleukin-1; Chemotaxis; Chemokinesis; Granulocytes; Macrophages (Stefano, G.B. (47) 189)

Fibrin deposits
Cell-transferred experimental allergic encephalomyelitis; Blood–brain barrier; Edema; Neurological signs (Koh, C.-S. (47) 141)

Granulocytes
Morphine; Fentanyl; D-Ala^2-Met-enkephalin (DAME); Interleukin-1; Chemotaxis; Chemokinesis; Macrophages (Stefano, G.B. (47) 189)

Guillain-Barré syndrome
Interleukin-6; Cytokines; Cerebrospinal fluid; Polyneuropathy (Maimone, D. (47) 55)

HLA
Myasthenia gravis; PCR oligotyping; Thymoma; Thymic hyperplasia (Vieira, M.L. (47) 115)

ICAM-1
Blood–cerebrospinal fluid barrier; Inflammation; Central nervous system (Rieckmann, P. (47) 133)

Immune response
Restraint stress; Viral pathogenesis; Strain differences; Influenza virus (Hermann, G. (47) 83)

Immunoglobulin
Prolactin; B cell; Neuroimmune regulation (Lahat, N. (47) 35)

Immunosuppression
Vasoactive intestinal peptide; Interleukin-2; Interferon gamma (Ganea, D. (47) 147)

Indolicidin
T cell; Autoimmunity; Bactenecin (Schluesener, H.J. (47) 199)

Inflammation
Blood–cerebrospinal fluid barrier; ICAM-1; Central nervous system (Rieckmann, P. (47) 133)

Experimental autoimmune uveoretinitis; Recruitment; T cell lines; Uveitis; Autoimmune disease (Caspi, R.R. (47) 177)

Influenza virus
Restraint stress; Viral pathogenesis; Immune response; Strain differences (Hermann, G. (47) 83)

Intercellular adhesion molecule-1
Endothelium; Major histocompatibility complex; Interferon γ; Experimental allergic encephalomyelitis; Susceptibility (Jemison, L.M. (47) 15)

Interferon γ
Endothelium; Major histocompatibility complex; Intercellular adhesion molecule-1; Experimental allergic encephalomyelitis; Susceptibility (Jemison, L.M. (47) 15)

Interferon gamma
Vasoactive intestinal peptide; Interleukin-2; Immunosuppression (Ganea, D. (47) 147)

Interleukin-6
Cytokines; Cerebrospinal fluid; Guillain-Barré syndrome; Polyneuropathy (Maimone, D. (47) 55)

Astrocyte; Norepinephrine; Vasoactive intestinal peptide; Interleukin-1β; Tumor necrosis factor α; Cytokine (Maimone, D. (47) 73)

Interleukin-2
Vasoactive intestinal peptide; Interferon gamma; Immunosuppression (Ganea, D. (47) 147)

Interleukin-1
Morphine; Fentanyl; D-Ala^2-Met-enkephalin (DAME); Chemotaxis; Chemokinesis; Granulocytes; Macrophages (Stefano, G.B. (47) 189)

Interleukin-1β
Astrocyte; Norepinephrine; Vasoactive intestinal peptide; Interleukin-6; Tumor necrosis factor α; Cytokine (Maimone, D. (47) 73)

Intracerebroventricular
Murine tumor necrosis factor α; Blood–brain barrier; Brain–immune axis; Neonatal (Gutierrez, E.G. (47) 169)

Macrophages
Morphine; Fentanyl; D-Ala^2-Met-enkephalin (DAME); Interleukin-1; Chemotaxis; Chemokinesis; Granulocytes (Stefano, G.B. (47) 189)

Major histocompatibility complex
Endothelium; Intercellular adhesion molecule-1; Interferon γ; Experimental allergic encephalomyelitis; Susceptibility (Jemison, L.M. (47) 15)

Membrane cofactor
Astrocyte; Complement; Decay-accelerating factor; CD59 (Yang, C. (47) 123)

Morphine
Fentanyl; D-Ala^2-Met-enkephalin (DAME); Interleukin-1; Chemotaxis; Chemokinesis; Granulocytes; Macrophages (Stefano, G.B. (47) 189)

Multiple sclerosis
Experimental allergic encephalomyelitis; Transforming growth factor-β1; Cytokine (Johns, L.D. (47) 1)

T cell receptor; Polymorphism (Martínez-Naves, E. (47) 9)

Polymerase chain reaction; Picornavirus; Myelin; T cell (Rodriguez, M. (47) 95)

T lymphocytes; Autoimmunity (Salvetti, M. (47) 203)

Murine tumor necrosis factor α
Blood–brain barrier; Brain–immune axis; Intracerebroventricular; Neonatal (Gutierrez, E.G. (47) 169)

Myasthenia gravis
HLA; PCR oligotyping; Thymoma; Thymic hyperplasia (Vieira, M.L. (47) 115)

Myelin
Multiple sclerosis; Polymerase chain reaction; Picornavirus; T cell (Rodriguez, M. (47) 95)

Neonatal
Murine tumor necrosis factor α; Blood–brain barrier; Brain–immune axis; Intracerebroventricular (Gutierrez, E.G. (47) 169)

Nerve growth factor
Autoantibodies; Serum; Autoimmune diseases (Dicou, E. (47) 159)

Neuroimmune regulation
Prolactin; B cell; Immunoglobulin (Lahat, N. (47) 35)

Neurological signs
Cell-transferred experimental allergic encephalomyelitis; Blood–brain barrier; Fibrin deposits; Edema (Koh, C.-S. (47) 141)

Norepinephrine
Astrocyte; Vasoactive intestinal peptide; Interleukin-6; Interleukin-1β; Tumor necrosis factor α; Cytokine (Maimone, D. (47) 73)

PCR oligotyping
Myasthenia gravis; HLA; Thymoma; Thymic hyperplasia (Vieira, M.L. (47) 115)

Pericyte
Brain; Endothelium; Smooth muscle; Cytokine (Fabry, Z. (47) 23)

Picornavirus
Multiple sclerosis; Polymerase chain reaction; Myelin; T cell (Rodriguez, M. (47) 95)

Polymerase chain reaction
Multiple sclerosis; Picornavirus; Myelin; T cell (Rodriguez, M. (47) 95)

Polymorphism
Multiple sclerosis; T cell receptor (Martínez-Naves, E. (47) 9)

Polyneuropathy
Interleukin-6; Cytokines; Cerebrospinal fluid; Guillain-Barré syndrome (Maimone, D. (47) 55)

Prolactin
B cell; Immunoglobulin; Neuroimmune regulation (Lahat, N. (47) 35)

Recruitment
Experimental autoimmune uveoretinitis; T cell lines; Uveitis; Autoimmune disease; Inflammation (Caspi, R.R. (47) 177)

Restraint stress
Viral pathogenesis; Immune response; Strain differences; Influenza virus (Hermann, G. (47) 83)

Serum
Nerve growth factor; Autoantibodies; Autoimmune diseases (Dicou, E. (47) 159)

Smooth muscle
Brain; Endothelium; Pericyte; Cytokine (Fabry, Z. (47) 23)

Strain differences
Restraint stress; Viral pathogenesis; Immune response; Influenza virus (Hermann, G. (47) 83)

Susceptibility
Endothelium; Major histocompatibility complex; Intercellular adhesion molecule-1; Interferon γ; Experimental allergic encephalomyelitis (Jemison, L.M. (47) 15)

T cell
Experimental autoimmune encephalomyelitis (Beraud, E. (47) 41)

Multiple sclerosis; Polymerase chain reaction; Picornavirus; Myelin (Rodriguez, M. (47) 95)

Autoimmunity; Indolicidin; Bactenecin (Schluesener, H.J. (47) 199)

T cell lines
Experimental autoimmune uveoretinitis; Recruitment; Uveitis; Autoimmune disease; Inflammation (Caspi, R.R. (47) 177)

T cell receptor
Multiple sclerosis; Polymorphism (Martínez-Naves, E. (47) 9)

Thymic hyperplasia
Myasthenia gravis; HLA; PCR oligotyping; Thymoma (Vieira, M.L. (47) 115)

Thymoma
Myasthenia gravis; HLA; PCR oligotyping; Thymic hyperplasia (Vieira, M.L. (47) 115)

T lymphocytes
Multiple sclerosis; Autoimmunity (Salvetti, M. (47) 203)

Transforming growth factor-β1
Experimental allergic encephalomyelitis; Multiple sclerosis; Cytokine (Johns, L.D. (47) 1)

Tumor necrosis factor α
Astrocyte; Norepinephrine; Vasoactive intestinal peptide; Interleukin-6; Interleukin-1β; Cytokine (Maimone, D. (47) 73)

Uveitis
Experimental autoimmune uveoretinitis; Recruitment; T cell lines; Autoimmune disease; Inflammation (Caspi, R.R. (47) 177)

Vasoactive intestinal peptide
Astrocyte; Norepinephrine; Interleukin-6; Interleukin-1β; Tumor necrosis factor α; Cytokine (Maimone, D. (47) 73)

Interleukin-2; Interferon gamma; Immunosuppression (Ganea, D. (47) 147)

Viral pathogenesis
Restraint stress; Immune response; Strain differences; Influenza virus (Hermann, G. (47) 83)